

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket Number 5051-631		Serial No. 10/820,632	
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; text-align: center; margin-right: 10px;"> O I P E <small>SEP 21 2004</small> <small>PATENT & TRADEMARK OFFICE</small> </div> <div> LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary) <div style="text-align: center; margin-top: 10px;">A1 of A1</div> </div> </div>				Applicant: Robin Pierce Gardner			
Filing Date: April 8, 2004				Group: 2882 2884			
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
DB	1	4,764,677	08/16/88	Spurney	250	361	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
DB	2.	Bartholomew et al., "THE ¹⁹⁹ Hg (n, γ) ²⁰⁰ Hg REACTION WITH THERMAL NEUTRONS," <i>Canadian Journal of Physics</i> 45: 1517-1540 (1967).					
DB	3.	Bartholomew et al., "SPINS OF LEVELS IN N ¹⁵ , Fe ⁵⁷ , Cu ⁶⁴ , Zr ⁹² , and Hg ²⁰⁰ BY NEUTRON CAPTURE γ -RAY DIRECTIONAL CORRELATIONS," <i>Nuclear Physics</i> 50: 209-233 (1964).					
DB	4.	Hoogenboom. A.M., "A NEW METHOD IN GAMMA-RAY SPECTROSCOPY: A TWO CRYSTAL SCINTILLATION SPECTROMETER WITH IMPROVED RESOLUTION," <i>Nuclear Instruments</i> 3: 57-68 (1958).					
DB	5.	U.S. Application 10/820,633, R. P. Gardener, filed April 8, 2004					

EXAMINER DAVID S. BAKER DATE CONSIDERED 4 April 2006
 *EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PATENT & TRADEMARK OFFICE

U. S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
D-B	1.	2,830,184	04/08/58	Scherbatskoy	250	71	
D-B	2.	2,881,324	04/07/59	Scherbatskoy	250	71	
D-B	3.	2,992,331	07/11/61	Bonner et al.	250	71.5	
D-B	4.	3,041,455	06/26/62	Meyerhof	250	71.5	
P-B	5.	3,088,030	04/30/63	Rickard	250	71.5	
D-B	6.	3,654,464	04/04/72	Johnson, Jr. et al.	250	71.5	
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation Yes No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
D-B	7.	International Search Report for PCT/US2004/011665; Date of mailing November 11, 2004.					

EXAMINER David S. Baker **DAVID S. BAKER** DATE CONSIDERED 4 April 2006
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Patent and Trademark Office

Attorney Docket Number
5051-631

Serial No.
10/820,632

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

C1 of C1



Applicant:
Robin Pierce Gardner

Filing Date:
April 8, 2004

Group:
2882
2884

U. S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
DB	1.	2,946,888	07/26/60	Scherbatskoy	250	71.5	
DB	2.	2,992,331	07/11/61	Bonner et al.	250	71.5	
DB	3.	3,041,454	06/26/62	Jones et al.	250	71.5	
DB	4.	3,041,455	06/26/62	Meyerhof	250	71.5	
DB	5.	4,841,153	06/20/89	Wormald	250	390.04	

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		Document Number	Date	Country	Class	Subclass	Translation Yes No
DB	6.	GB1000044	08/04/65	Great Britain	G	08	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DB	7.	Ember et al. "Improvement of the capabilities of PGAA by coincidence techniques", <u>Applied Radiation and Isotopes</u> 56:535-541 (2002)
DB	8.	Ember et al. "Coincidence measurement setup for PGAA and nuclear structure studies", <u>Applied Radiation and Isotopes</u> 57:573-577 (2002)
DB	9.	International Search Report for PCT/US2004/011666; Date of mailing December 29, 2004.

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David S. Baker DAVID S. BAKER

DATE CONSIDERED

4 April 2006

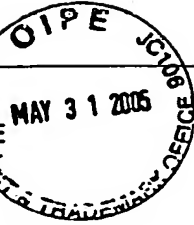
Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1



Complete if Known

Application Number	10/820,632
Filing Date	April 8, 2004
First Named Inventor	Robin Pierce Gardner
Group Art Unit	2882 2884
Examiner Name	DAVID S. BAKER
Attorney Docket Number	5051-631

U.S. PATENTS AND PATENT PUBLICATIONS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
DB	1.	US-2,922,331	A	Bonner et al.	07-11-1961
DB	2.	US-2,946,888	A	Scherbatskoy	07-26-1960
DB	3.	US-3,041,454	A	Baker et al.	06-26-1962
DB	4.	US-3,041,455	A	Meyerhof	06-26-1962
DB	5.	US-4,841,153	A	Wormald	06-20-1989
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation
		Office	Number	Kind Code (if known)			
DB	6.	GB	1 000 044	A	Hoesch AG	08-04-1965	

OTHER NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
DB	7.	Ember et al. "Coincidence Measurement Setup for PGAA and Nuclear Structure Studies" <i>Applied Radiation and Isotopes</i> 57(4): 573-577 (2002)	
DB	8.	Ember et al. "Improvement of the Capabilities of PGAA by Coincidence Techniques" <i>Applied Radiation and Isotopes</i> 56(3): 535-541 (2002)	
DB	9.	International Search Report and Written Opinion of the International Searching Authority for Application No. PCT/US2004/011666 mailed on April 28, 2005	

Examiner Signature

David S. Baker DAVID S. BAKER

Date Considered

4 April 2006

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